



Examiner:

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Palm Beach
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In operation load beam 24, gimbal 28, and microactuator 32 carrying slider 12 are all moved together as coarse positioning is performed by VCM 18 (FIG. 1) moving actuator arm 20 (FIG. 1). To achieve fine positioning of the transducing head, microactuator 32 generates a force which causes bending of beam springs located on the microactuator. As a result, the portion of microactuator 32 carrying slider 12 moves slightly with respect to gimbal 28 in the direction of arrows 40, displacing the transducing head with high resolution for precise positioning of the transducing head over a selected track of the disc.

